List of Current Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1 - 4 (Cancelled).

5. (Currently Amended) A method for producing software modules for field devices for process automation technology, <u>that encapsulate all the data and functions of the corresponding field devices,</u> wherein the software modules serve as device descriptions and have defined interfaces for application programs in process control systems, comprising the steps of:

<u>generating syntactically correct</u> ~~producing~~ standard device descriptions[[,]] ~~syntactically and semantically correct,~~ from ~~electrical~~ <u>PDM</u> device descriptions, <u>HCF device descriptions or company specific electronic device descriptions</u> for field devices not having a uniform form, or language by means of a first compiler or generator; and

converting the syntactically and semantically correct standard device descriptions further into corresponding software modules by means of a second compiler.

6. (Previously presented) The method as claimed in claim 5, wherein: interfaces and the software modules meet the FDT/DTM specifications.

7. (Previously presented) The method as claimed in claim 5, wherein: the electrical device descriptions are one of: PDM device descriptions, HCF device descriptions or company-specific device descriptions.

8. (Previously presented) The method as claimed in claim 5, wherein: the syntactically and semantically correct standard device

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9. (Previously presented) The method as claimed in claim 8, further comprising the step of:

producing the EDD 1.1 device descriptions PDM device descriptions

10. (Previously presented) The method as claimed in claim 8, further comprising the step of:

using the second compiler to produce graphical user interfaces in XML language from the EDD 1.1 device descriptions.